

Marathon Oil Company

Tribal C-32

Freemont County, CO

08831

WY22179



89507 - R8 FRED

WY08831



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

SEP 12 2013

Randy Meabon
Regulatory Coordinator
Marathon Oil Company
1501 Stampede Avenue
Cody, Wyoming 82414

Subject: Authorization to Inject
Marathon Oil Company, Tribal C-32 Well
NWSW Section 32, T4N, R1W, Fremont County,
Wyoming, EPA UIC Permit WY22179-08831
API No.: 49-013-21472

Dear Mr. Meabon:

Thank you for submitting information regarding completion of construction and testing for the Tribal C-32 injection well. Testing conditions of your UIC Permit required the submittal of the following information to the Director:

1. Well Completion form and diagram
2. Part I Mechanical Integrity Test results
3. Injection Zone Pore Pressure and
4. Temperature Survey (April 24, 2013)

All required information has been submitted, reviewed and approved by the Environmental Protection Agency Region 8. Therefore, effective upon receipt of this letter, administrative approval is granted for injection under the conditions of the EPA UIC Permit Number WY22179-08831 and relevant modifications as issued for the Tribal C-32 well.

We reviewed the Radioactive Tracer Survey (RTS) which was submitted with the Temperature Survey. During our review of the RTS, dated April 24, 2013, we observed an anomaly, or an indication of upward fluid movement, between the depths of 6,688 feet (ft.) to 6,733 ft. This is an indication that fluid could potentially move out of the Tensleep Injection Zone, located between the depths of 6,734 ft. — 7,034 ft. These anomalies detected in the RTS were not observed in the review of the Temperature Survey. Marathon has provided some possible reasons for a false detection of anomalies in the RTS in an email dated July 10, 2013. After reviewing all information we could not conclusively identify the

reason for the anomaly. Therefore, we are requiring that additional temperature log and radioactive tracer survey tests be performed in accordance with Minor Modification No. 2, for Appendix B, logging and testing requirements of the Final Permit.

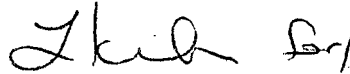
As of this approval, responsibility for permit compliance and enforcement is transferred to the Region 8 UIC Technical Enforcement Program office. Please direct all future notification, reporting, monitoring and compliance correspondence to the following address referencing your UIC Permit number and well name.

8105 81 932

U.S. Environmental Protection Agency Region 8
UIC Technical Enforcement Program, 8ENF-UFO
1595 Wynkoop Street
Denver, Colorado 80202-1129

If you have any questions regarding this Authorization, please call Linda Bowling of my staff at (303) 312-6254. For questions regarding notification, testing, monitoring, reporting or other Permit requirements, please contact Sarah Roberts of the UIC Technical Enforcement Program by calling (303) 312-7056.

Sincerely,



Derrith R. Watchman-Moore
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Email only

✓ Eastern Shoshone & Northern Arapaho Tribes
Attention: Joint Business Council, Chairman

Northern Arapaho Business Council
Attention: The Honorable Darrell O Neal, Chairman

Northern Arapaho Business Council
Attention: The Honorable David "Ron" McElroy, Co-Chairman

✓ Eastern Shoshone Business Council
Attention: The Honorable Darwin "Sony" St. Clair, Jr., Chairman

✓ Eastern Shoshone Business Council
Attention: The Honorable Harrison Shoyo, Jr., Co-Chairman

✓ Wind River Environmental Quality Commission
Attention: Dean Goggles, Acting Environmental Director

State of Wyoming Oil & Gas Conservation Commission
Attention Tom Kropatsch, Environmental Program Supervisor

Bureau of Indian Affairs, Ft. Washakie
Wind River Office

US Department of the Interior
Bureau of Land Management
Lander Field Office

Jolene Catron
Wind River Alliance



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Marathon Oil Company
1501 Stampede Avenue
Cody, WY 82414

PS Form 3800, August 2006

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1. Article Addressed to:

A **SEP 16 2013**
Randy Meabon
Marathon Oil Company
1501 Stampede Avenue
Cody, WY 82414

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PS Form 3811, February 2004

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US EPA Region 8
Mail Code: 8P-W-UIC
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Denver, CO 80202-1129

Well #: Tribal C-32

IA

LB

